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| <b>Substitute Form PTO-1449</b><br>(Modified)<br><br><b>Information Disclosure Statement</b><br><b>by Applicant</b><br>(Use several sheets if necessary)<br><br>(37 CFR §1.98(b)) | <b>U.S. Department of Commerce</b><br><b>Patent and Trademark Office</b> | <b>Attorney's Docket No.</b><br>02103-365001 | <b>Application No.</b><br>09/458,248 |
|   | <b>Applicant</b><br>George Nichols et al.                                |  |                                      |
|   | <b>Filing Date</b><br>December 9, 1999                                   | <b>Group Art Unit</b><br>2643                |                                      |

**U.S. Patent Documents**

| Examiner Initial | Desig. ID | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|---------------|------------|----------|-------|----------|----------------------------|
|                  | AA        |               |            |          |       |          |                            |
|                  | AB        |               |            |          |       |          |                            |
|                  | AC        |               |            |          |       |          |                            |
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|                  | AE        |               |            |          |       |          |                            |
|                  | AF        |               |            |          |       |          |                            |
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|                  | AH        |               |            |          |       |          |                            |
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**Foreign Patent Documents or Published Foreign Patent Applications**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
|                  |           |                 |                  |                          |       |          | Yes         | No |
| SN               | AL        | 03192900        | 8/22/1991        | Japan                    |       |          | X           |    |
|                  | AM        | 681 144         | 1/29/1993        | Switzerland              |       |          |             | X  |
|                  | AN        | 271 3867        | 6/16/1995        | France                   |       |          |             | X  |
|                  | AO        | 985 2289        | 11/19/1998       | WIPO                     |       |          |             | X  |
| SN               | AP        | 199 09 143      | 11/23/2000       | Germany                  |       |          |             | X  |

**Other Documents (include Author, Title, Date, and Place of Publication)**

| Examiner Initial | Desig. ID | Document |
|------------------|-----------|----------|
|                  | AQ        |          |
|                  | AR        |          |
|                  | AS        |          |
|                  | AT        |          |

Examiner Signature

Date Considered

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